

TIMES-VIRGINIAN PAGE OF FARM NEW

Institute Largely Was Attended

Blackburg, Aug. 4.—Activity on the Virginia Tech campus is at a little slower pace this week, following the 4-H Club Short Course July 21-25, when 1,200 club folk were here, and the Institute of Rural Affairs, State Federation of Home Demonstration Clubs meeting, and State Farmers Institute, July 29-31, for which more than 1,450 people registered.

Registration figures for the Institute are hardly a fair measure of the number who benefited from at least a part of the program. Well over 2,000 were on hand the evening of July 29, to hear John Temple Graves II, of Birmingham, Ala., predict a happier future for the South and "plenty and peace" for everyone when the present "terrible clockwork in eternity" is altered.

Since we now know that we can produce enough for everyone, Graves said, we have a greater challenge and greater hope than ever before. "If we can find a way to distribute it; if we can stop tearing each other to pieces for our shares; if we can develop the philosophy with out machines that will make them agents no more of tyranny, poverty and death, but of plenty and of peace."

Dr. Englund commented on the current problem of possible inflation and speculated on the aftermath of the war. He stated that some inflation would not be amiss, since farm prices in particular are still below those of pre-depression years; but to prevent a runaway inflation, he recommended a system of taxation that would take surplus money out of circulation.

Dr. Englund and other economists stated that an Axis victory would make the western hemisphere economically subservient to a German-dominated Europe and a buyer's monopoly the like.

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FARM TOPICS

CORN HYBRIDS DIAPYCNAL SOIL

High Fertility Necessary for Good Results.

By PROF. A. L. LANG
(Illinois Agricultural Station, Urbana, Illinois)

Whether hybrid corn succeeds or fails in its job of producing bumper yields depends largely on the land's fertility level and the effectiveness of the individual farmer's soil management program.

Tests on soils varying in productivity and under different systems of management, revealed that some of the better hybrids are more responsive to good soil and good management and more sensitive to poor soil and poor soil management, than most of the open-pollinated varieties of corn.

Whether hybrids take up more plant food or use what they take up more efficiently than open-pollinated varieties has not yet been determined. The danger to future soil productivity lies in hybrid's capacity to produce more bushels per acre when grown on naturally fertile soils.

If farmers take advantage of the superiority of hybrid corn on good soil without recognizing the dangers involved from a more rapid depletion of available plant food, their soil will not be in condition to express hybrid superiority for long.

On the other hand, if hybrid superiority on good soil is used to stimulate more and better soil enrichment practices, then there is an opportunity to go beyond what has already been accomplished.

The farmer who follows good soil practices and has his soil tested to determine needs for orchard, grapes and potatoes will cash in profitably when he plants hybrid seed corn.

AGRICULTURE IN INDUSTRY
By Florence C. Wood
(This is one of a series of articles showing how farm products are used in important branches in industry.)

Sweet Potatoes
An old Negro laundress probably was the first to discover that excellent laundry starch could be made from the sweet potato. She mashed the potatoes, soaked them in water, then drew off this liquid and boiled it to make a fine starch.

The first commercial venture was a small co-operative plant set up in Mississippi to make sweet potato starch. Now another plant is being started in Texas. Their product is used for sizing in the textile industry. Since many varieties of the sweet potato contain much starch, it is likely that the industry has good possibilities. The pulp left after the starch is extracted is being used for feed for beef and dairy cattle.

Sweet potatoes have been experimentally converted into a thin transparent sheet which one day may be a competitor of cellophane. During the World War, sweet potato food was used in the South.

George Washington Carver, famed Negro scientist, has uncovered many possibilities in this crop of the South. He has used the sweet potato to obtain vinegar, shoe blacking, ink, library paste, dyes, candy, ginger, synthetic tapicas, chocolate compound, coffee substitute, molasses and rubber.

The commercial crop of sweet potatoes is raised chiefly in Virginia, Louisiana, Tennessee and New Jersey. Since many southern varieties tend to grow over-size, there is a large quantity of culls in each crop. Some are fed to cattle but many are wasted. These conditions have led to an insistent demand for some means to use these in industry.

Rural Briefs
Roughage feeds are necessities in the dairy cow's diet.
Hedge, or Orange orange, makes excellent fence posts.
Lightning Rods
Lightning rods have an efficiency of 97 per cent properly constructed and installed.
Inspection of rod buildings which have been struck by lightning generally uncover one or more of the following defects: The Board states. These include lack of grounding in permanent moisture, insufficient number of points, particularly at chimneys, cupolas, gables and other elevations; points and connections not electrically secure.
Let us do your job printing.
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My Neighbor SAYS:

Iron sulphate scattered on the ground under rosebushes will sometimes drive away rose bugs. After scattering crystals soak the soil well.

Colored clothes need a little special care in laundering. First wash them in regular soapy, warm water, then rinse them thoroughly in lukewarm water (clear) and then through two rinses of cold water. Shake out and hang up to dry in the shade.

After your delphiniums have finished blooming, stalks may be cut back which will encourage them to bloom again later in the growing season. If you do this you must be sure that there is plenty of plant food in the soil to encourage such growth. If you don't want your delphiniums in bloom again by fall, dig them up, divide them and transplant them into new locations.

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FARM TOPICS

POOR CUTTING RUINS WOODLOT

Carelessness Encourages New Stand, Frontiers.

By FRED TRENN
(Conservation Forester, University of Wisconsin)

Not all of the wreckage of war is to be found on the other side of the water. Rising log and lumber prices have caused many farmers to "cash-in" with their marketable trees.

Regard of what does the cutting, there are two things any timber owner must bear in mind if he has any hope of ever making a second cut—first, he has to keep all livestock out so that young tree seedlings and sprouts have a chance to grow; and second, the slash, or limbs, tops and waste parts of trees resulting from logging or wind damage must not be allowed to burn in one large, destructive fire.

Woodland owners who fully understand timber values and who can estimate closely the volume of merchantable timber on their land are in a position to realize a larger return from a lump sale or, at least, turn their timber into cash more readily. However, unless they are fully protected by their contract, small trees, so essential to a future stand, are frequently sacrificed in the logging job.

There are means of selling timber by which the selling price might be increased, and the future productivity of the land protected. This is by having all trees of merchantable size measured for their contents, and to have such trees "blazed" or marked so that the purchaser would know definitely what trees are to be cut and what are to be left. Such a selection might be made on the basis of an arbitrary minimum diameter of trees to be cut, or it may provide for the removal of trees based on their present condition, rate of growth and on their effect on other trees growing under or near them.

Robert T. Gills, of Richmond, is visiting at his home here.

Miss Billy Jane Burdette, of near Oakville, is visiting at Howardsville. Mrs. Edna Strickland and father, John C. Anderson, of Danville are visiting Mrs. Ben Cole.

Byron Cole, who has been visiting his parents, Mr. and Mrs. Ben Cole, has returned to Petersburg.

The county board of supervisors meets next Wednesday.

Local Service Stations are observing the request of the Government for gas sales only between 7 A. M. and 7 P. M.

Mr. Ray Houshens and son, Jerry Wayne, of Petersburg are observing this week with her parents, Mr. and Mrs. D. A. Conner.

Mrs. H. M. Burge and daughter, Katherine, returned to their home here yesterday after visiting relatives in Roanoke.

Fulton and Hunter Deane, of Charlottesville were guests last week of Mr. and Mrs. G. M. Deane.

Mrs. Bertha Austin and son, Harry, of Lynchburg are visiting her sister, Mrs. W. L. Coleman.

Miss Edith Lucado left today to visit Mr. and Mrs. C. H. Menley, of White Sulphur Springs, W. Va.

Appomattox Personal Items

Minute Make-Ups

By V. V.

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PERSONAL MENTION
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Miss Louise Burford, of Lynchburg, is spending the week with Miss Laura and Florence McFadden.

Miss Laura McFadden visited Miss Edith and Rachel Coleman of Lynchburg Thursday night.

PEACHES FOR SALE. At my home, or orchard. All varieties. Bring container. Price, 50c to \$1 bushel. Special price on large quantities.

Appomattox is a growing town.
LOST, a small navy blue change purse containing \$10.00 bill and 5c in change. Wednesday evening. Lost in town. Finder please return to Mrs. L. Harris, and receive reward.

LARGE RIVER FARM for rent, on shares, for 1942. Apply to Lawrence Wambarger, Gladstone, Va. (8-7-21)

FOR RENT: 5 room bungalow, with 5 acres of land, in town of Evergreen. Reasonable. See L. A. Ferguson, Route 2, Appomattox, Va. (7-24-31c)

NOTICE: This is to serve notice that raising costs will make it necessary to advance prices on all Beauty Work on September 1.

Notice: Let us furnish that rubber stamp or stamp pad you have been needing.
WANTED: Man for Rawleigh route. Permanent if you are a hunter. For particulars write Rawleigh's Dept. VAR-7-183, Richmond, Va.

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